

CONTRACT DATA REQUIREMENTS LIST <i>(1 Data Item)</i>						Form Approved OMB No. 0704-0188	
The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.							
A. CONTRACT LINE ITEM NO. 0004		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/> X			
D. SYSTEM/ITEM TVAC Control System Upgrade		E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A0001		2. TITLE OF DATA ITEM Conference Agenda, Minutes, and Presentations		3. SUBTITLE In-Progress Design Reviews, Concept Design Review (CoDR), Preliminary Design Review (PDR), and Critical Design Reviews (CDR)			
4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81249A (Conference Agenda) DI-ADMN-81250A (Conference Minutes) DI-ADMN-81373 (Presentation Material)		5. CONTRACT REFERENCE SOW Paragraph 3.6.1 SOW Paragraph 3.6.2 SOW Paragraph 3.6.3		6. REQUIRING OFFICE CODE 8212			
7. DD 250 REQ LT		9. DIST STATEMENT F		10. FREQUENCY SEE BLK 16		12. DATE OF 1ST SUBMISSION SEE BLK 16	
8. APP CODE A		11. AS OF DATE N/A		13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		14. DISTRIBUTION	
16. REMARKS				a. ADDRESSEE		b. COPIES	
<p>BLOCK 4: Contractor devised and Government approved format. Electronic submission shall be made using Microsoft Office Products.</p> <p>BLOCK 8: Code 8212 review and approval (or disapproval) and comments will be within three (3) business days of submission. Contractor shall submit an updated version, incorporating comments, for Code 8212 approval no less than two (2) business days after Code 8212 comments received, unless otherwise specified.</p> <p>BLOCK 10: For each design review. Minimum requirement to support Concept Design Review (CoDR), Preliminary Design Review (PDR), and Critical Design Review (CDR).</p> <p>BLOCKS 12 and 13: Contractor shall submit to Code 8212 the initial submission of Meeting Agenda deliverable five (5) business days prior to each meeting, or as agreed to by the Contracting Officer. No Government response within 5 days of submission constitutes acceptance.</p> <p>Presentation materials shall be provided electronically with the initial submission of the Meeting Agenda and hard copy (in sufficient quantity for all anticipated meeting attendees) at the start of each meeting.</p> <p>Initial submission of Meeting Minutes is due five (5) business days after each meeting, or as otherwise agreed to by the Contracting Officer. Allow three (3) business days for Government response. Resubmit, with Government comments incorporated, within two (2) DARC. No Government response within 5 days of submission constitutes acceptance.</p> <p>BLOCK 14: Electronic submission required. Hard copies will be made available upon request. CDRLs due on weekends and holidays shall be due the morning of the next business day. Upon electronic delivery of data the contractor shall notify by electronic notification in lieu of transmittal letter, all CDRL Block 6 and 14 addressees of such delivery.</p>				COR		1	
				15. TOTAL →			
G. PREPARED BY		H. DATE		I. APPROVED BY		J. DATE	

17. PRICE GROUP IV (NSP)
18. ESTIMATED TOTAL PRICE

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A. CONTRACT LINE ITEM NO. 0004		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER <u> X </u>			
D. SYSTEM/ITEM TVAC Control System Upgrade		E. CONTRACT/PR NO.		F. CONTRACTOR			
1. DATA ITEM NO. A0002		2. TITLE OF DATA ITEM Acceptance Test Plans and Procedures		3. SUBTITLE Acceptance Test Plan Acceptance Test Procedures			
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80808: Test Plans/Procedures			5. CONTRACT REFERENCE SOW Paragraphs 3.4.3.1		6. REQUIRING OFFICE CODE 8212		
7. DD 250 REQ LT		9. DIST STATEMENT F		10. FREQUENCY As REQ		12. DATE OF 1ST SUBMISSION As REQ / See BLK 16	
8. APP CODE A		11. AS OF DATE As REQ		13. DATE OF SUBSEQUENT SUBMISSION See BLK 16		14. DISTRIBUTION	
16. REMARKS BLOCK 4: Contractor devised and Government approved format. Electronic submission shall be made using Microsoft Office Products. The Acceptance Test Plan (ATP) and associated procedures shall serve as a detailed guide to test and evaluation activities to validate and verify the control systems and vacuum chamber operation; and shall be Government-approved. The ATP shall include planning factors and objectives, as well as pertinent details to test the hardware, software, modifications, and overall system functionality and performance. The Test Plan and Procedures shall list the requirements that cannot be tested during the verification tests and shall be tested during the operational tests. The Test Plan and Procedures shall include the following: A. Purpose of test. B. Type of test (e.g., Physical Inspection, Factory Acceptance Test, Pre-Site Acceptance Test, and Site Acceptance Test). C. Applicable documents. D. Functional analysis of the requirements. E. Identification numbers of all requirements to be verified/validated. F. Test strategy. G. Test schedule. H. Cognizant personnel responsible for performing the verification/validation effort. I. Site locations, support equipment, facilities, test equipment, materials and tools required during verification/validation activities. J. Safety precautions. K. Any special environmental requirements. L. Description of units to be tested.				a. ADDRESSEE COR		b. COPIES	
				Draft		Final	
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A. CONTRACT LINE ITEM NO. <div style="text-align: center;">0004</div>	B. EXHIBIT <div style="text-align: center;">A</div>	C. CATEGORY: TDP _____ TM _____ OTHER <u> X </u>
D. SYSTEM/ITEM TVAC Control System	E. CONTRACT/PR NO.	
1. DATA ITEM NO. A0002 (cont)		2. TITLE OF DATA ITEM Acceptance Test Plan (ATP)
3. SUBTITLE Acceptance Inspections / Reports Acceptance Test Procedures / Reports		
15. REMARKS (Continued) BLOCK 4: (Continued) M. Test description to include the following: <ol style="list-style-type: none"> 1. Step-by-step procedures which are to be followed by the test team when performing each test. 2. Define readings to be taken, settings to be used, and description of the test equipment, including commercial identification. 3. Drawings, schematics, photographs, etc, of noncommercial fixtures and testers necessary for test evaluation. 4. Test equipment. Description, nomenclature and serial number of all test equipment used on the project including appropriate schematic or block diagrams. <ol style="list-style-type: none"> i. List the serial number of all equipment(s) making up the test apparatus or subjected to the testing. ii. Provide a brief description of all special test equipment designed for, constructed for, and used on the project including appropriate schematic and/or block diagrams. 5. Test performed. Identification and description of all test(s) performed (cite applicable requirements, paragraph number, and test parameters). <ol style="list-style-type: none"> i. Provide control settings of the test sample. ii. Resolutions of measurement equipment and range of input signals. 6. Inspection criteria that defines the minimum performance requirements (pass/fail criteria) that the unit under test must meet in order to be considered acceptable to the Government. This shall include, as a minimum, the performance requirements specified throughout SOW section 3.1. 7. Test results documentation procedures and/or tables. 8. Corrective action approach of found deficiencies, if any, including documentation and reporting. BLOCK 8: Code 8212 review and approval (or disapproval) and comments will be within fifteen (15) business days of submission. Contractor shall submit an updated version, incorporating comments, for Code 8212 approval no less than fifteen (15) business days after Code 8212 comments received, unless otherwise specified. BLOCKS 12 and 13: Initial draft due no later than Preliminary Design Review (PDR). Second draft due no later than Critical Design Review (CDR). Updates for Government review and approval are due no later than thirty (30) business DB each test. Allow ten (10) business days for Government response. Resubmit, with Government comments incorporated, within ten (10) business DARC. BLOCK 14: Electronic submission required. Hard copies will be made available upon request. CDRLs due on weekends and holidays shall be due the morning of the next business day. Upon electronic delivery of data the contractor shall notify by electronic notification in lieu of transmittal letter, all CDRL Block 6 and 14 addressees of such delivery.		

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D. SYSTEM/ITEM TVAC Control System Upgrade		E. CONTRACT/PR NO.		F. CONTRACTOR					
1. DATA ITEM NO. A0003		2. TITLE OF DATA ITEM Acceptance Test Report		3. SUBTITLE					
4. AUTHORITY (Data Acquisition Document No.) DI-NDTI-80809B: Tet/Inspection Report			5. CONTRACT REFERENCE SOW Paragraphs 3.4.3.7		6. REQUIRING OFFICE CODE 8212				
7. DD 250 REQ LT		9. DIST STATEMENT F		10. FREQUENCY As REQ		12. DATE OF 1ST SUBMISSION As REQ / See BLK 16			
8. APP CODE A		11. AS OF DATE As REQ		13. DATE OF SUBSEQUENT SUBMISSION See BLK 16		14. DISTRIBUTION			
16. REMARKS BLOCK 4: Contractor devised and Government approved format. Electronic submission shall be made using mutual agreed method. The Acceptance Test Report shall serve as the documentation capturing the results and findings to inspection, test and evaluation activities performed to validate and verify that the control system operation is acceptable for Government-acceptance at completion of work. The final test report shall include the results and findings for all inspections and verification tests performed as part of system ATP of the fully integrated control system pertinent to overall system functionality and performance. The report shall include at a minimum the following: A. Name / Type of test (e.g., Physical Inspection, Factory Acceptance Test, Pre-Site Acceptance Test, and Site Acceptance Test). B. Applicable documents (ex. procedure used). C. Measurements and/or readings taken; including settings used. D. Presentation, analysis, and discussion of results; including tables, charts, and/or figures. E. Results versus planned objectives (pass / fail criteria). F. Test deficiency(ies), if applicable; and, a. Root cause and corrective actions taken to address deficiencies discovered during testing G. Conclusion(s) to include at a minimum the following: a. Summary statement detailing the inspection or test performed. b. Performance of test article with respect to Inspection criteria that defines the minimum performance requirements (pass/fail criteria) that the unit under test must meet in order to be considered acceptable to the Government. This shall reference, as a minimum, the performance requirements pertinent to the test article specified throughout SOW section 3.1.				a. ADDRESSEE COR		b. COPIES			
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D. SYSTEM/ITEM TVAC Control System	E. CONTRACT/PR NO.	
F. CONTRACTOR		
1. DATA ITEM NO. A0003 (cont)	2. TITLE OF DATA ITEM Acceptance Test Plan (ATP) Report	3. SUBTITLE Acceptance Inspections / Reports Acceptance Test Procedures / Reports
15. REMARKS (Continued) BLOCK 8: Code 8212 review and approval (or disapproval) and comments will be within ten (10) business days of submission. Contractor shall submit an updated version, incorporating comments, for Code 8212 approval no less than ten (10) business days after Code 8212 comments received, unless otherwise specified. BLOCKS 12 and 13: Submission for Government review and approval is due no later than five (5) business days after each test. Allow ten (10) business days for Government response. Resubmit, with Government comments incorporated, within ten (10) business DARC. BLOCK 14: Electronic submission required. Hard copies will be made available upon request. CDRLs due on weekends and holidays shall be due the morning of the next business day. Upon electronic delivery of data the contractor shall notify by electronic notification in lieu of transmittal letter, all CDRL Block 6 and 14 addressees of such delivery.		

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D. SYSTEM/ITEM TVAC Control System Upgrade		E. CONTRACT/PR NO.			F. CONTRACTOR						
1. DATA ITEM NO. A0004		2. TITLE OF DATA ITEM As-Wired Drawings and CAD Models			3. SUBTITLE Engineering Drawings Engineering Computer Aided Design (CAD) Models						
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81000E: Product Drawings/Models and Associated Lists				5. CONTRACT REFERENCE SOW Paragraph 3..3.10		6. REQUIRING OFFICE CODE 8212					
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15. REMARKS BLOCK 4: Contractor devised and Government approved format. Electronic submission shall be made using mutually agreed method. Engineering drawings shall be prepared in accordance with MIL-STD-100G or ASME Y 14.100M and shall include the following: A. A unique drawing number; B. Title sheet with drawing indexes and revision indexes; C. Government signature authority for drawings will be the COR. CAD models shall be in the Standard for the Exchange of Product model data (STEP) format. Engineering drawings and models shall be updated to reflect and document any and all changes made to the design as part of installation. BLOCK 8: Code 8212 review and approval (or disapproval) and comments will be within twenty (20) business days of initial submission. BLOCK 12: Initial submission is due twenty (20) business DA installation of full system. Allow twenty (20) business days for Government response. Resubmit, with Government comments incorporated, within twenty (20) business DARC. BLOCK 13: Final submission of five (5) hard copies of approved "as installed" drawings as well as a CAD file of each drawing and CAD model of integrated system. BLOCK 14: Electronic submission required. Hard copies will be made available upon request. CDRLs due on weekends and holidays shall be due the morning of the next business day. Upon electronic delivery of data the contractor shall notify by electronic notification in lieu of transmittal letter, all CDRL Block 6 and 14 addressees of such delivery.						a. ADDRESSEE		b. COPIES			
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D. SYSTEM/ITEM TVAC Control System Upgrade		E. CONTRACT/PR NO.			F. CONTRACTOR				
1. DATA ITEM NO. A0005		2. TITLE OF DATA ITEM Signal List			3. SUBTITLE				
4. AUTHORITY (Data Acquisition Document No.) DI-SESS-81000E: Product Drawings/Models and Associated Lists				5. CONTRACT REFERENCE SOW Paragraph 3.3.11		6. REQUIRING OFFICE CODE 8212			
7. DD 250 REQ LT		9. DIST STATEMENT F		10. FREQUENCY As REQ		12. DATE OF 1ST SUBMISSION SEE BLK 16			
8. APP CODE A		11. AS OF DATE As REQ		13. DATE OF SUBSEQUENT SUBMISSION SEE BLK 16		14. DISTRIBUTION			
16. REMARKS BLOCK 4: Contractor devised and Government approved format. Electronic submission shall be made using mutually agreed method. The signal list shall include comprehensive information for each input and out of the system to include: PAC address, PAC name, schematic name, description, and signal type. The signal list shall be in spreadsheet or database format. BLOCK 8: Code 8212 review and approval (or disapproval) and comments will be within twenty (20) business days of initial submission. BLOCK 12: Initial submission is due twenty (20) business DA installation of full system. Allow twenty (20) business days for Government response. Resubmit, with Government comments incorporated, within twenty (20) business DARC. BLOCK 13: Final submission of five (5) hard copies of approved "as installed" drawings as well as a CAD file of each drawing and CAD model of integrated system. BLOCK 14: Electronic submission required. Hard copies will be made available upon request. CDRLs due on weekends and holidays shall be due the morning of the next business day. Upon electronic delivery of data the contractor shall notify by electronic notification in lieu of transmittal letter, all CDRL Block 6 and 14 addressees of such delivery.						a. ADDRESSEE		b. COPIES	
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